

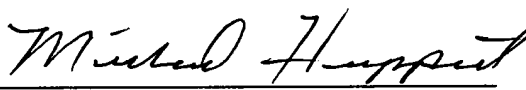
REMARKS

The present Preliminary Amendment is submitted to amend claims 1-3, 7-9, 13-17, 19, 23 and 25 in order to delete the reference numerals therein.

Also, the abstract has been amended in order to remove the reference numerals therein. The changes to the abstract are submitted in the form of a substitute abstract. A copy of the abstract with changes marked therein is attached.

Respectfully submitted,

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ABSTRACT

The present invention provides a device and a method for determining whether or not component holder is good, which enable detecting component holders that are to affect correct component recognition and further enable preventing interferences between constituent devices, a component mounting apparatus with the determining device, and a component mounting method. The determining device has an illuminating device—~~(120)~~, a CCD camera ~~106~~ and a controller ~~(150)~~ to determine whether or not a suction nozzle ~~(201)~~ is good based on a luminance at a component hold face ~~(140)~~ of the suction nozzle. The suction nozzle having the light reflectance of the component hold face increased to a level whereat the correct recognition of an electronic component ~~(312)~~ held by the suction nozzle is affected can be detected accordingly. An interference preventing device ~~(320)~~ is also provided, so that the interference between the CCD camera and the suction nozzle can be prevented.

Version with Markings to
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